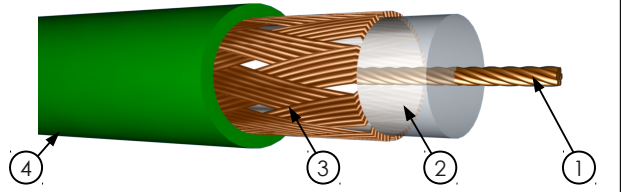
**elbaC Cable**

ZAC Sous le Beer - RD 836
 F-27730 BUEIL
 Tel : +33 (0)2 32 21 64 78
 Fax : +33 (0)2 76 01 31 80
 www.elbac.fr / info@elbac.fr

**Construction****Inner conductor** ①

Material	Annealed copper
Diameter	7 × (Ø 0.19 ± 0.005 mm)

Dielectric ②

Material	Solid PE
Color	Natural
Diameter	Ø 3.70 ± 0.12 mm

Outer conductor**1st Layer** ③

Material	Copper Clad Alloy
Braiding	16 x (7 x Ø 0.12 mm)
Coverage	≥ 85%

Sheath ④

Material	PVC Green RAL 6024
Diameter	Ø 6.10 ± 0.15 mm

Mass	35 kg/km
-------------	----------

Marking on sheath

Printing <small>with XXX quantity in meter still available per reel DDDDD : Date code</small>	« KX 6A CCA 85% 75 OHMS - CE - elbaC 110205 - DDDDD - XXX m »
--	---

Color / Process	White / Ink jet
-----------------	-----------------

Step	1 m
------	-----

Stripping force / 50 mm

Dielectric	15 N ≤ F ≤ 35 N
------------	-----------------

Meet Standards

European directive 2011/65/EU

Electrical characteristics

Impedance	75 ± 3 Ω
-----------	----------

Capacitance	< 67 ± 3 pF/m
-------------	---------------

Max DC resistance

Inner conductor	93.8 Ω/km
-----------------	-----------

Outer conductor	22.6 Ω/km
-----------------	-----------

Propagation velocity ratio	66.6%
-----------------------------------	-------

Max operating voltage RMS	1900 V
----------------------------------	--------

Insulation resistance 20°C	>5000 MΩ/km
-----------------------------------	-------------

Longitudinal attenuation

Frequency MHz	Attenuation dB/100m
10	3.7
200	17.0
400	25.0
800	35.5

Thermal characteristics

Rated Temperature	80°C
--------------------------	------

Packaging

-C1	: 100m / carton reel
-R3	: 300m / easy reel box
-W5	: 500m / wooden drum

Notes